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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:09 ; Search time 319 49 Seconds

16.304 Million cell updates/sec

Title: US-09-851-670-15
Perfect score: 23
Sequence: 1 aacgtgtgcgcttcagatca 23

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters:

515952

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents NA.*
1: /cgpn2_6/priodata/2/ina/5A_COMB.seq: *
2: /cgpn2_6/priodata/2/ina/5B_COMB.seq: *
3: /cgpn2_6/priodata/2/ina/6A_COMB.seq: *
4: /cgpn2_6/priodata/2/ina/6B_COMB.seq: *
5: /cgpn2_6/priodata/2/ina/pctUS_COMB.seq: *
6: /cgpn2_6/priodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	13	56.5	57	1 US-08-484-192-168 Sequence 168, App
c	2	12.6	54.8	2 US-08-650-598-11 Sequence 11, Appl
c	3	12.6	54.8	3 US-09-023-228B-29 Sequence 29, Appl
c	4	12.4	53.9	4 US-08-943-731-259 Sequence 259, App
c	5	12.4	53.9	27 2 US-08-766-439-63 Sequence 63, Appl
c	6	12.4	53.9	37 5 PCT-US94 10617-7 Sequence 7, Appl
c	7	12.4	53.9	43 2 US-08-997-080-81 Sequence 81, Appl
c	8	12.4	53.9	43 2 US-08-997-562-81 Sequence 81, Appl
c	9	12.4	53.9	43 3 US-08-873-970-81 Sequence 81, Appl
c	10	12.4	53.9	43 4 US-09-095-825-81 Sequence 81, Appl
c	11	12.4	53.9	44 1 US-08-096-762-209 Sequence 209, App
c	12	12.4	53.9	44 4 US-09-042-353-323 Sequence 323, App
c	13	12.4	53.9	44 4 US-08-758-477A-171 Sequence 171, App
c	14	12.2	53.0	19 1 US-08-486-08-7 Sequence 7, Appl
c	15	12.2	53.0	19 2 US-08-975-570-7 Sequence 29, Appl
c	16	12.2	53.0	21 3 US-08-873-437-29 Sequence 51, Appl
c	17	12.2	53.0	42 2 US-08-343-43B-51 Sequence 18, Appl
c	18	12.2	53.0	49 1 US-08-201-481-18 Sequence 18, Appl
c	19	12.2	53.0	49 PCT-US95-02689-18 Sequence 7, Appl
c	20	12.2	53.0	59 5 US-07-662-764D-28 Sequence 16, Appl
c	21	12	52.2	41 1 US-08-231-342-16 Sequence 207, App
c	22	12	52.2	46 1 US-08-096-762-207 Sequence 321, App
c	23	12	52.2	46 4 US-09-042-353-321 Sequence 165, App
c	24	12	52.2	46 4 US-08-758-17A-169 Sequence 1, Appl
c	25	12	52.2	52 2 US-08-842-842-1 Sequence 30, Appl
c	26	12	52.2	59 3 US-09-046-247-30 Sequence 17, Appl
c	27	11.8	51.3	51.3 US-09-224-505-17 Sequence 30, Replace(1, "")

ALIGNMENTS

RESULT 1
US-08-484-192-168
Sequence 168, Application US/08484192
Patent No. 5756291
GENERAL INFORMATION:
APPLICANT: GRIFFIN, LINDA C.
APPLICANT: ALBRECHT, GLENN
APPLICANT: LATHAM, JOHN
APPLICANT: LEUNG, LAWRENCE
APPLICANT: VERMAAS, ERIC
APPLICANT: TOOLE, JOHN J.
TITLE OF INVENTION: APTAMERS SPECIFIC FOR BIOMOLECULES AND METHODS OF MAKING
NUMBER OF SEQUENCES: 181
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08-484, 192
FILING DATE:
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/934, 387
FILING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 245102002221
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 57 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(1, "")

OTHER INFORMATION: /note= "This position is G/N."

FEATURE:

NAME/KEY: misc.difference

LOCATION: replace(7, "")

OTHER INFORMATION: /note= "This position is G/N."

FEATURE:

NAME/KEY: misc.difference

LOCATION: replace(8, "")

OTHER INFORMATION: /note= "This position is G/N."

US-08-484-192-168

Query Match

Best Local Similarity 56.5%; Score 13; DB 1; Length 57;

Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3 cgtgtgcggccatcagacaa 23
||| |||| |||| |
Db 9 CGGATGCCGTCACAGAGA 29

RESULT 2

US-08-650-598-11/c

; Sequence 11, Application US/08650598

Patent No. 587020

GENERAL INFORMATION:

APPLICANT: Alitalo, Kari

TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIE

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60605-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 8.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/023, 228B

FILING DATE: 12-FEBRUARY-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/595, 335

FILING DATE: 1 FEB 1996

ATTORNEY/AGENT INFORMATION:

NAME: Batty J. Sanson, Esq.

REGISTRATION NUMBER: 33, 215

REFERENCE/DOCKET NUMBER: NEX50/CIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 60 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: linear

MOLECULE TYPE: RNA

FEATURE: OTHER INFORMATION: All pyrimidines are 2'-F modified

US-09-023-328B-29

Qy

1 aacgtgtggggtcctcaga 19
||| ||| :||| :||| |||

Db

29 AAGGGAGGTCCACAGA 11

RESULT 3

US-09-023-228B-29

; Sequence 29, Application US/09023228B

Patent No. 6265157

GENERAL INFORMATION:

APPLICANT: BIESECKER, GREGORY

APPLICANT: GOLD, LARRY

TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS OF COMPLEMENT SYSTEM PROTEINS

NUMBER OF SEQUENCES: 157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson & Bratschun, L.L.C.

STREET: 8400 E. Prentice Place #200

CITY: Denver

STATE: Colorado

COUNTRY: US

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US97/01739

FILING DATE: 30 JAN 1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/595, 335

FILING DATE: 1 FEB 1996

ATTORNEY/AGENT INFORMATION:

NAME: Batty J. Sanson, Esq.

REGISTRATION NUMBER: 33, 215

REFERENCE/DOCKET NUMBER: NEX50/CIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 60 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: linear

MOLECULE TYPE: RNA

FEATURE: OTHER INFORMATION: All pyrimidines are 2'-F modified

US-09-023-328B-29

Query Match

Best Local Similarity 54.8%; Score 12.6; DB 3; Length 60;

Matches 11; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 52 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

RESULT 4

US-09-943-731-259/C

; Sequence 259, Application US/08943731

Patent No. 6265157

GENERAL INFORMATION:

APPLICANT: PROCKOP, DARWIN J.

APPLICANT: SPOTILA, LORETTA D.

APPLICANT: DELTAS, CONSTANTINO D.

Query Match

Best Local Similarity 54.8%; Score 12.6; DB 2; Length 52;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 52 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

RESULT 4

US-08-650-598-11

APPLICANT: SEREDA, LARISA
 APPLICANT: LARSON, ANDREA W.
 APPLICANT: PACK, MICHAEL
 APPLICANT: COIGE, ALAIN
 APPLICANT: EARLY, JAMES
 APPLICANT: KORKKO, JARMO
 APPLICANT: ALA-KOKKO, LEENA, et al.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
 TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
 NUMBER OF SEQUENCES: 666
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
 STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
 STREET: FLR.
 CITY: PHILADELPHIA
 STATE: PA
 COUNTRY: USA
 ZIP: 19103-7086
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/766,439
 FILING DATE: NOVEMBER 8, 1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: FLOYD, LINDA AXAMETHY
 REGISTRATION NUMBER: 33,692
 REFERENCE/DOCKET NUMBER: MD-1065-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 302-892-8112
 TELEFAX: 302-773-0164
 INFORMATION FOR SEQ ID NO: 63:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 27 base pairs
 REFERENCE/DOCKET NUMBER: 9598-27
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-965-1284
 TELEFAX: 215-567-2991
 TELEX: 831-494
 INFORMATION FOR SEQ ID NO: 259:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 23 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-943-731-259

Query Match 53.9%; Score 12.4; DB 4; Length 23;
 Best Local Similarity 72.7%; Pred. No. 1.4e+03; Mismatches 0;
 Matches 16; Conservative 0; Indels 0; Gaps 0;

Qy 1 aacgtatcgccgttcctcgagac 22
 Db 22 ATCCTGTCGCCAGCTCAGAGCC 1

RESULT 6
 PCT-US94-10617-7/C
 ; Sequence 7, Application PC/TUSS9410617
 ; GENERAL INFORMATION:
 ; APPLICANT: BOCKMAN, Jeffrey M.
 ; APPLICANT: Drivas, George T.
 ; APPLICANT: Rush, Mark G.
 ; APPLICANT: Shih, Andy
 ; TITLE OF INVENTION: Robozyme-Based Compositions for the Modification
 ; TITLE OF INVENTION: of Cutaneous Phenotypes associated with Aging
 ; TITLE OF INVENTION: and Other Conditions of the Skin and Hair
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Andy Shih
 ; STREET: 30 Chestnut Drive
 ; CITY: Hastings-On-Hudson
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10706
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/10617
 FILING DATE: 15-SEP-1994
 CLASSIFICATION:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 914-478-1911

Query Match 53.9%; Score 12.4; DB 4; Length 27;
 Best Local Similarity 92.9%; Pred. No. 1.4e+03; Mismatches 1;
 Matches 13; Conservative 0; Indels 0; Gaps 0;

Qy 5 tgtgggttctcaag 18
 Db 14 TGTGGGTTCTCGG 27

RESULT 6
 PCT-US94-10617-7/C
 ; Sequence 7, Application PC/TUSS9410617
 ; GENERAL INFORMATION:
 ; APPLICANT: BOCKMAN, Jeffrey M.
 ; APPLICANT: Drivas, George T.
 ; APPLICANT: Rush, Mark G.
 ; APPLICANT: Shih, Andy
 ; TITLE OF INVENTION: Robozyme-Based Compositions for the Modification
 ; TITLE OF INVENTION: of Cutaneous Phenotypes associated with Aging
 ; TITLE OF INVENTION: and Other Conditions of the Skin and Hair
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Andy Shih
 ; STREET: 30 Chestnut Drive
 ; CITY: Hastings-On-Hudson
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10706
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/10617
 FILING DATE: 15-SEP-1994
 CLASSIFICATION:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 914-478-1911

Query Match 53.9%; Score 12.4; DB 4; Length 23;
 Best Local Similarity 72.7%; Pred. No. 1.4e+03; Mismatches 0;
 Matches 16; Conservative 0; Indels 0; Gaps 0;

Qy 1 aacgtatcgccgttcctcgagac 22
 Db 22 ATCCTGTCGCCAGCTCAGAGCC 1

RESULT 5
 US-08-66-439-63
 ; Sequence 63, Application US/08766439
 ; Patent No. 592238
 ; GENERAL INFORMATION:
 ; APPLICANT: HAZEL, JAMES WILLIAM
 ; APPLICANT: JENSEN, MARK ANTON
 ; TITLE OF INVENTION: GENETIC MARKERS AND METHODS FOR
 ; TITLE OF INVENTION: THE DETECTION OF LISTERIA
 ; TITLE OF INVENTION: MONOCYTOGENES AND LISTERIA SPP.
 ; NUMBER OF SEQUENCES: 110
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY

TELEFAX: 212-750-3977
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: RNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 IMMEDIATE SOURCE:
 CLONE: TCCRZ1
 PCT-US94-10617-7

RESULT 7
 Query Match 53.9%; Score 12.4; DB 5; Length 37;
 Best Local Similarity 72.7%; Pred. No. 1.4e+03; Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 1 aacgtgtgggttcctcagagac 22
 ||||| ||||| ||||| ||||| |||||
 Db 37 AACGTGTTGGTCCTCAGAGAC 16

RESULT 8

US-08-997-362-81/c
 Sequence 81, Application US/08997362
 Patent No. 5985287
 GENERAL INFORMATION:
 APPLICANT: Watson, James D.
 APPLICANT: Tan, Paul L.J.
 TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
 NUMBER OF SEQUENCES: 194
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/997,362
 FILING DATE: 08/08/1997
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970
 FILING DATE: June 12, 1997
 APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000.1002c2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEFAX: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 81:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 43 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Other
 US-08-997-362-81

RESULT 9

US-08-873-970-81/c
 Sequence 81, Application US/08873970
 Patent No. 6001361
 GENERAL INFORMATION:

RESULT 7
 Query Match 53.9%; Score 12.4; DB 2; Length 43;
 Best Local Similarity 72.7%; Pred. No. 1.5e+03; Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 2 aacgtgtgggttcctcagagaca 23
 ||||| ||||| ||||| ||||| |||||
 Db 24 AGGCTTTCGCTCCACCGTCA 3

Query Match 53.9%; Score 12.4; DB 2; Length 43;
 Best Local Similarity 72.7%; Pred. No. 1.5e+03; Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

APPLICANT: Tan, Paul
 APPLICANT: Hiyama, Jun
 APPLICANT: Visser, Elizabeth
 APPLICANT: Skinner, Margot
 APPLICANT: Scott, Linda
 APPLICANT: Prestidge, Ross
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
 NUMBER OF SEQUENCES: 106
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121
 COMPUTER READABLE FORM:
 COMPUTER TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/095,855
 FILING DATE: 08-09-1993
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/705,347
 FILING DATE: 29-AUG-1996
 APPLICATION NUMBER: 08/873,970
 FILING DATE: 12-JUN-1997
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/873,970
 FILING DATE: 23-DEC-1997
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/873,970
 FILING DATE: 12-JUN-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000.1002c1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEFAX: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 81:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 43 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Other
 US-09-095-855-81
 SULT 10
 -09-095-855-81/c
 Sequence 81, Application US/09095855
 Patent No. 6160093
 GENERAL INFORMATION:
 APPLICANT: Lonberg, Nils
 APPLICANT: Kay, Robert M.
 TITLE OF INVENTION: Transgenic No. 5814318-Human Animals for Producing Heterologous Antibodies
 NUMBER OF SEQUENCES: 210
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend Khourie and Crew
 STREET: One Market Plaza, Steuart Tower, Suite 200
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/096,762
 FILING DATE: 22-JUL-1993
 CLASSIFICATION: 800
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/053,131
 FILING DATE: 26-APR-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/990, 860
 FILING DATE: 16-DEC-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/904, 068
 FILING DATE: 23-JUN-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/853, 408
 FILING DATE: 18-MAR-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/810, 279
 FILING DATE: 17-DEC-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Smith, William M.
 REGISTRATION NUMBER: 30,223
 REFERENCE/DOCKET NUMBER: 14643-9-4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 209:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 44 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 US-08-096-762-209

Query Match 53.9%; Score 12.4; DB 1; Length 44;
 Best Local Similarity 92.9%; Pred No. 1.5e+03; 1; Mismatches 0;
 Matches 13; Conservative 0; Indels 0; Gaps 0;

QY 10 ggcttcagagaca 23
 ||||| | | | | | | |
 DB 3 GGRCTCAGAGTC 16

RESULT 12

US-09-042-353-323

SEQUENCE INFORMATION:
 Sequence 323, Application US/09042353
 PATENT NO. 6255458

GENERAL INFORMATION:
 APPLICANT: Lonberg, Nils
 APPLICANT: Kay, Robert M.

TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for Producing Heterologous Antibodies

NUMBER OF SEQUENCES: 421

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/042, 353
 FILING DATE: 13-MAR-1998
 CLASSIFICATION: 800

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/810, 279
 FILING DATE: 17-DEC-1991
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/853, 408
 FILING DATE: 18-MAR-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/904, 068

FILING DATE: 23-JUN-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/990, 860
 FILING DATE: 16-DEC-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/053, 131
 FILING DATE: 26-APR-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/096, 762
 FILING DATE: 22-JUL-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/1155, 301
 FILING DATE: 18-NOV-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/161, 739
 FILING DATE: 03-DEC-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/165, 699
 FILING DATE: 10-DEC-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US96/16433
 FILING DATE: 09-MAR-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/352, 322
 FILING DATE: 07-DEC-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/544, 404
 FILING DATE: 10-OCT-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/728, 463
 FILING DATE: 10-OCT-1996
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US97/21803
 FILING DATE: 10-OCT-1996
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/758, 417
 FILING DATE: 02-DEC-1996
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US97/21803
 FILING DATE: 01-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Apple, Randolph T.
 REGISTRATION NUMBER: 36,429
 REFERENCE/DOCKET NUMBER: 014643-009040US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 323:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 44 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-09-042-353-323

Query Match 53.9%; Score 12.4; DB 4; Length 44;
 Best Local Similarity 92.9%; Pred. No. 1.5e+03; 1; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 10 ggcttcagagaca 23
 ||||| | | | | | | |
 DB 3 GGRCTCAGAGTC 16

RESULT 13

US-08-758-417A-171
 ; Sequence 171, Application US/08758417A
 ; Patent No. 6300129
 ; GENERAL INFORMATION:
 ; APPLICANT: Lonberg, Nils
 ; Kay, Robert M.

TITLE OF INVENTION: Transgenic No. 6300120-Human Animals for Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 417

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/7758,417A
FILING DATE: 02-Dec-1996
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-DEC-1995
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/155,301
FILING DATE: 1-NOV-1993
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
APPLICATION NUMBER: US 07/990,860
FILING DATE: 1-DEC-1992

ATTORNEY/AGENT INFORMATION:

NAME: Serafini, Andrew T.
REGISTRATION NUMBER: 41,303
REFERENCE/DOCKET NUMBER: 014643-009030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929

INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929

INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929

INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
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INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
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SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
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TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBT-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929

INFORMATION FOR SEQ ID NO: 171:

SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08-486-408-7

ATTORNEY/AGENT INFORMATION:

APPLICANT: Dattagupta, Nanibushan
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERFERON SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

ZIP: 92121

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MEDIUM TYPE: Diskette
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

ZIP: 92121

OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975, 570
FILING DATE:
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/486, 408
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36, 510
REFERENCE/DOCKET NUMBER: CBI1009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-975-570-7

Query Match 53.0%; Score 12.2; DB 2;
Best Local Similarity 82.4%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 3;
Indels 0; Gaps 0;

Qy	4	gttgtgcgttccttagag	20
Db	18	GACTGGGCTCTGGAG	2

Search completed: March 9, 2002, 00:54:10
Job time: 11361 sec